AUTODOC CLUB

How to change rear brake pads on **Audi A4 B5 Avant** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI 80 B2 (81, 85) 1.8 GTE, AUDI 80 B2 (81, 85) 1.8 CC quattro, AUDI 80 B2 (81, 85) 1.8 GTE quattro, AUDI 80 B3 (89, 89Q, 8A) 1.8 S, AUDI 80 B3 (89, 89Q, 8A) 1.8 E, AUDI 80 B3 (89, 89Q, 8A) 1.8, AUDI 80 B3 (89, 89Q, 8A) 2.0 E, AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V, AUDI 80 B3 (89, 89Q, 8A) 1.8 S quattro, AUDI 80 B3 (89, 89Q, 8A) 1.8 quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 E quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 quattro, AUDI 80 B3 (89, 89Q, 8A) 2.0 E 16V quattro, AUDI 100 C3 Saloon (44, 44Q) 2.1, AUDI 100 C3 Saloon (44, 44Q) 2.2, (+ 220)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – AUDI A4 B5 AVANT. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake pads – Audi A4 B5 Avant. Professionals recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Warning! Shut down the engine before starting any work – Audi A4 B5 Avant.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.



AUTODOC recommends:

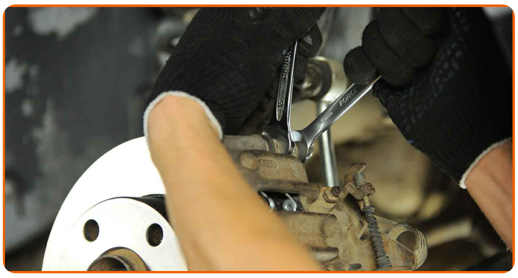
- Important! Hold the wheel while unscrewing the fastening bolts. Audi A4 B5 Avant

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



9 Spread the brake pads. Use a crowbar.



10 Remove the brake caliper. Use a crowbar.



Replacement: brake pads – Audi A4 B5 Avant. Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

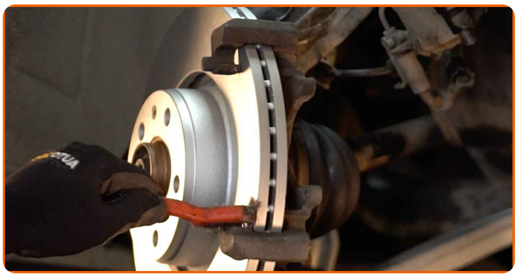
11 Remove the brake pads.



Replacement: brake pads – Audi A4 B5 Avant. AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



Replacement: brake pads – Audi A4 B5 Avant. Tip:

- After applying the spray, wait a few minutes.

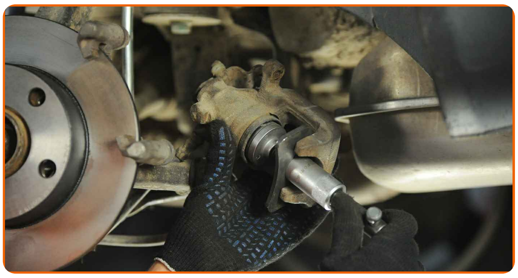
13 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – Audi A4 B5 Avant. After applying the spray, wait a few minutes.

14 Press in the brake caliper piston. Use brake caliper wind back tool.



15 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

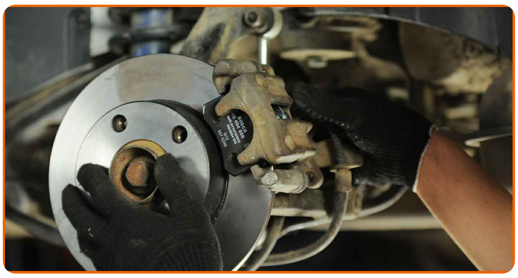
16 Install new brake pads.



Replacement: brake pads – Audi A4 B5 Avant. Tip from AUTODOC:

- Make sure the pads are installed with linings facing the disc.

17.1 Install the brake caliper and fix it.



17.2

Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.



18

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



19

Clean the wheel rim mounting seat. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – Audi A4 B5 Avant. After applying the spray, wait a few minutes.

20

Install the wheel.



Replacement: brake pads – Audi A4 B5 Avant. Professionals recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

21 Screw in the wheel bolts. Use wheel impact socket #17.



22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



23 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – Audi A4 B5 Avant. Check the brake fluid level in the reservoir and top up if necessary.

24 Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – Audi A4 B5 Avant. AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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